

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2003/001646

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F16F 9/54, B21D 22/00, B21D 24/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: F16F, B21D, B21D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI DATA, EPO-INTERNAL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2001/0038771 A1 (ALFRED WIRTH ET AL), 8 November 2001 (08.11.2001), figures 1-5, abstract --	1-18
A	FR 2695974 A1 (AUTOMOBILES PEUGEOT - FR ET SOCIETE ANONYME DITE: AUTOMOBILES CITROEN - FR), 25 March 1994 (25.03.1994), figures 1-6, abstract --	1-18
P,A	WO 0242015 A1 (PLYMOVENT AB), 30 May 2002 (30.05.2002), figures 1-5, abstract --	1-18

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

16 January 2004

Date of mailing of the international search report

25-01-2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>DATABASE WPI Derwent Publications Ltd., London, GB; Class Q67, AN 2000-659997 & JP 2000274566 A (OSAKA GAS CO LTD), 2000 October 03 (2000-10-03) abstract</p> <p>-- -----</p>	1-18

INTERNATIONAL SEARCH REPORT
Information on patent family members

01/12/2003

International application No.
PCT/SE 2003/001646

US 2001/0038771 A1 08/11/2001 NONE

FR 2695974 A1 25/03/1994 NONE

WO 0242015 A1 30/05/2002 CA 2428875 A 30/05/2002
EP 1335802 A 20/08/2003
SE 517184 C 07/05/2002
SE 0004278 A 07/05/2002